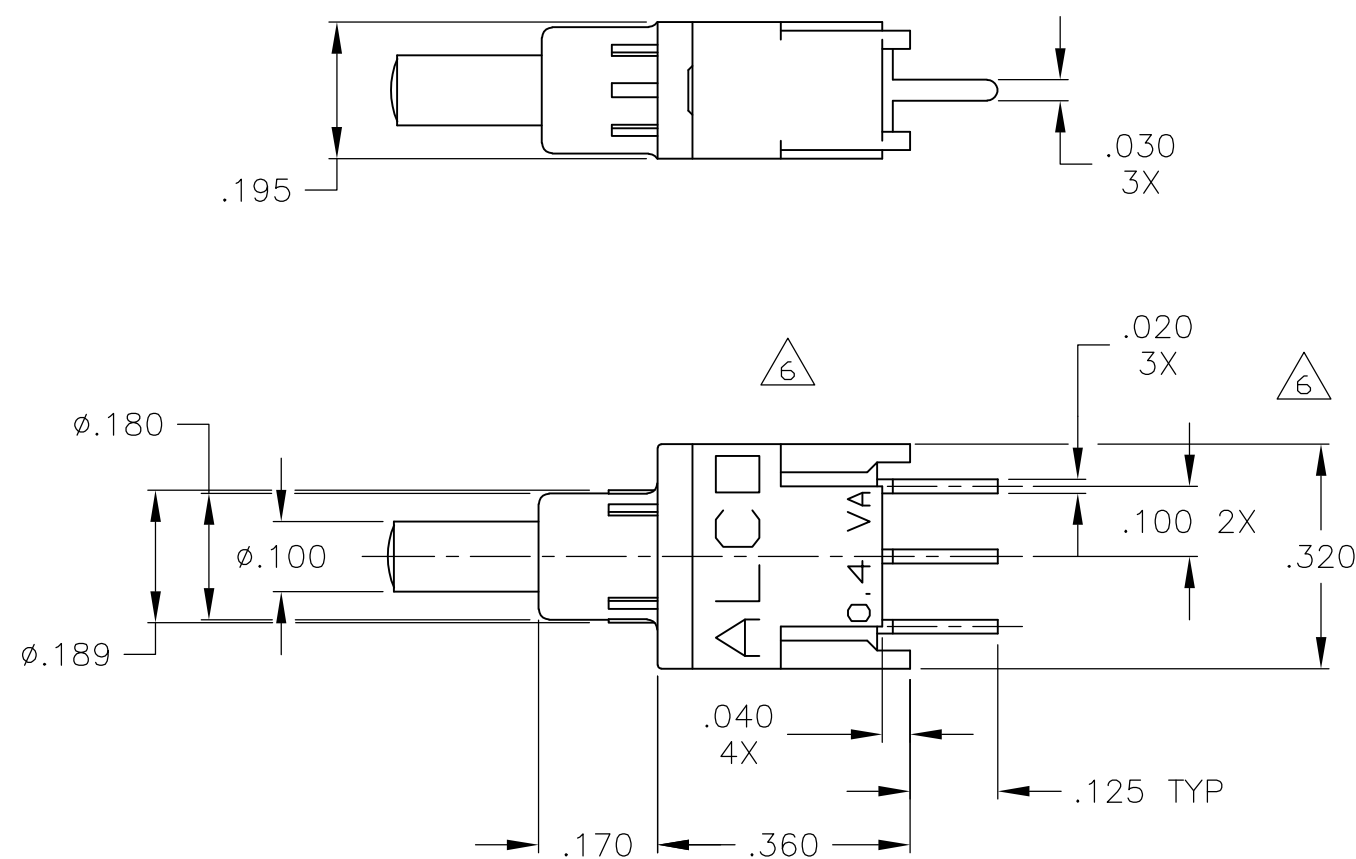


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CONVERSION CHART		CONVERSION CHART	
INCH	MM	INCH	MM
.002	0,05	.374	9,49
.005	0,12	.396	10,06
.008	0,20	.400	10,16
.010	0,25	.524	13,31



PC MOUNT

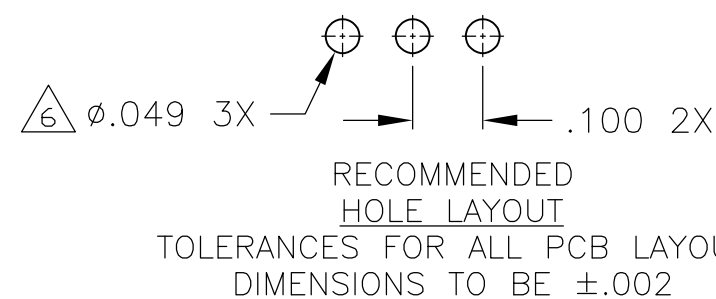
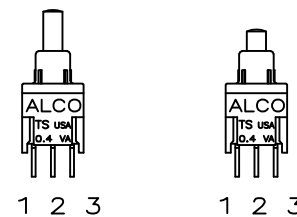


FIGURE 1

FUNCTION CHART

THE FOLLOWING FUNCTIONS
AVAILABLE IN SINGLE POLE.



☐ 2 POSITIONS OFF (ON)
 TERMINALS CONNECTED:
 OMIT CENTER TERMINAL FOR FUNCTION ☐

☐ F 2 POSITIONS ON (ON)
 TERMINALS CONNECTED: ☐ 1-2 ☐ 2-3

OFF INDICATES A MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION.

(ON) INDICATES MOMENTARY ACTION

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			H	REVISED PER ECO-15-004048	17MAR2015	NK	RH

SPECIFICATIONS:

MATERIALS:

CASE: HIGH TEMPERATURE POLYESTER.

ACTUATOR: POLYAMIDE.

MOVING CONTACT: COPPER ALLOY, GOLD
PLATE OVER NICKEL.

FIXED CONTACT: COPPER ALLOY, GOLD
PLATE OVER NICKEL.

TERMINALS: COPPER ALLOY, TIN-LEAD PLATE.

ELECTRICAL:

CONTACT RATING: 0.4VA @ 20 VAC/DC

INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.

INSULATION RESISTANCE: 1000 MEGOHMS @ 500V DC MIN.

DIELECTRIC STRENGTH: C 1000 VOLTS RMS AT SEA LEVEL.

_____ ☐ F 500 VOLTS

LIFE EXPECTANCY: 80,000 CYCLES

MECHANICAL:

ACTUATION TRAVEL: .035.

ENVIRONMENTAL:

OPERATING TEMPERATURE: -22°F TO $+185^{\circ}\text{F}$

(-30°C TO $+85^{\circ}\text{C}$).

STORAGE TEMPERATURE: -67°F TO $+185^{\circ}\text{F}$

(-55°C TO +85°C)

NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1994.

PART NUMBERING SEQUENCE

MODEL	BUSHING (PLAIN)	ACTUATOR	No. OF POLES	CONTACT RATING	FUNCTION	CONTACT PLATING	TERMINATIONS	ACTUATOR COLOR	TAPE & REEL PKGNG.
TSP	D	STD .200" LONG F FLUSH	1	1	C OFF (ON) F ON (ON)	G	PC P.C. PCV P.C. WITH BRACKET RA RIGHT ANGLE VRA VERTICAL RIGHT ANGLE WW WIRE WRAP SPC SURFACE MOUNT SRA SURFACE MOUNT R.A. SRAB SURFACE MOUNT R.A. BUTT	0 BLACK 2 RED 6 BLUE	TR 7

FILE NAME: 40287S1L		THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 9-19-90		 TE Connectivity									
				CHK B.J.A. 12-20-90											
DIRECTORY: PSHSWITCH		DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME OUTLINE DRAWING SEALED PUSHBUTTON SWITCH SINGLE POLE TSP SERIES									
				0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ANGLES ± 1°											
CODE IDENT. NO. 91506		MATERIAL SEE SPECIFICATIONS		FINISH SEE NOTES		AP'D B.J.A. 12-20-90		SIZE A2		CAGE CODE 00779		DRAWING NO C-1-1437573-1		RESTRICTED TO —	
PRODUCT SPEC — APPLICATION SPEC —															
PRODUCT CODE: B53						WEIGHT —									
CUSTOMER DRAWING								SCALE 4:1		SHEET 1 of 4		REV H			

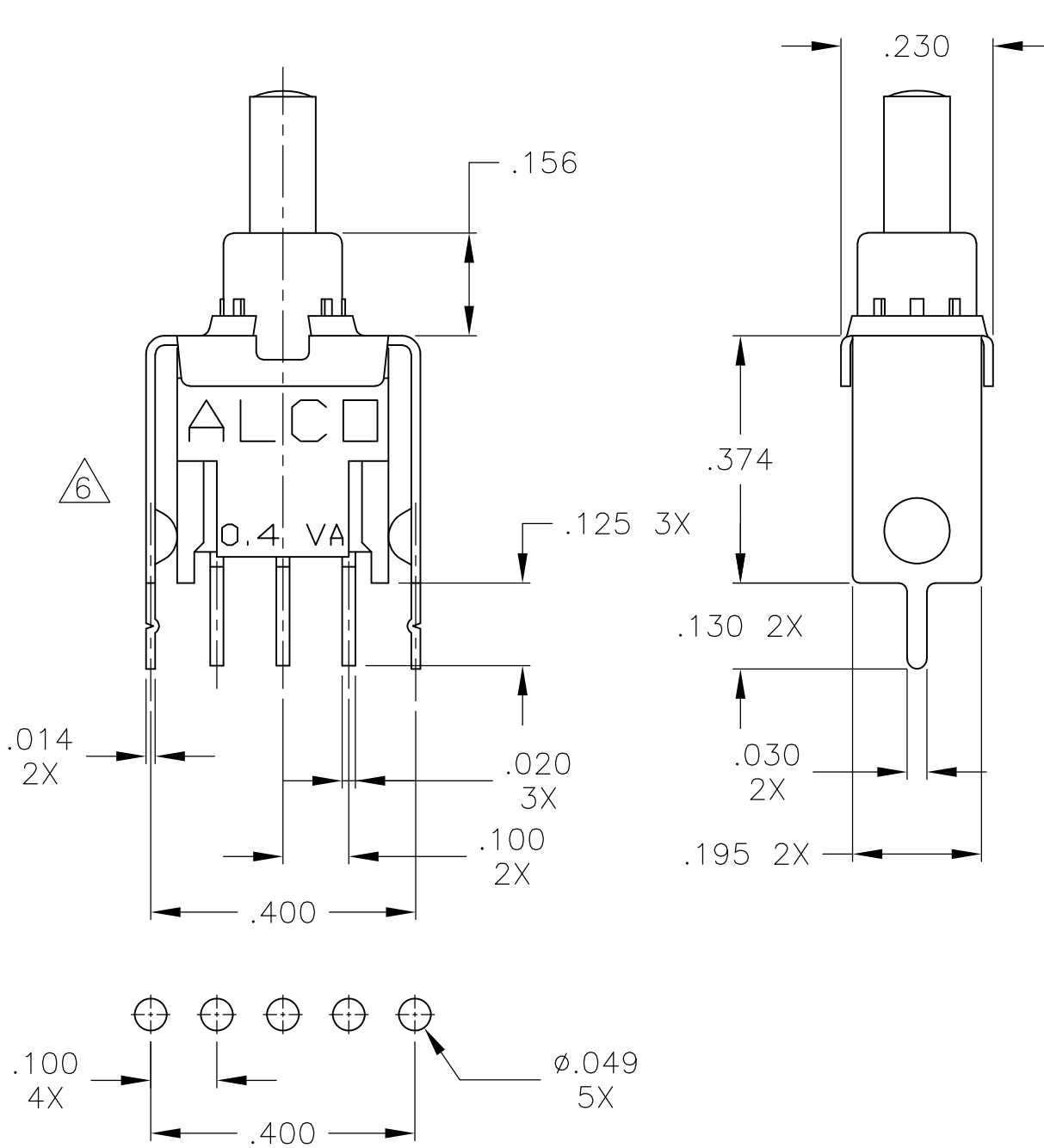
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

D

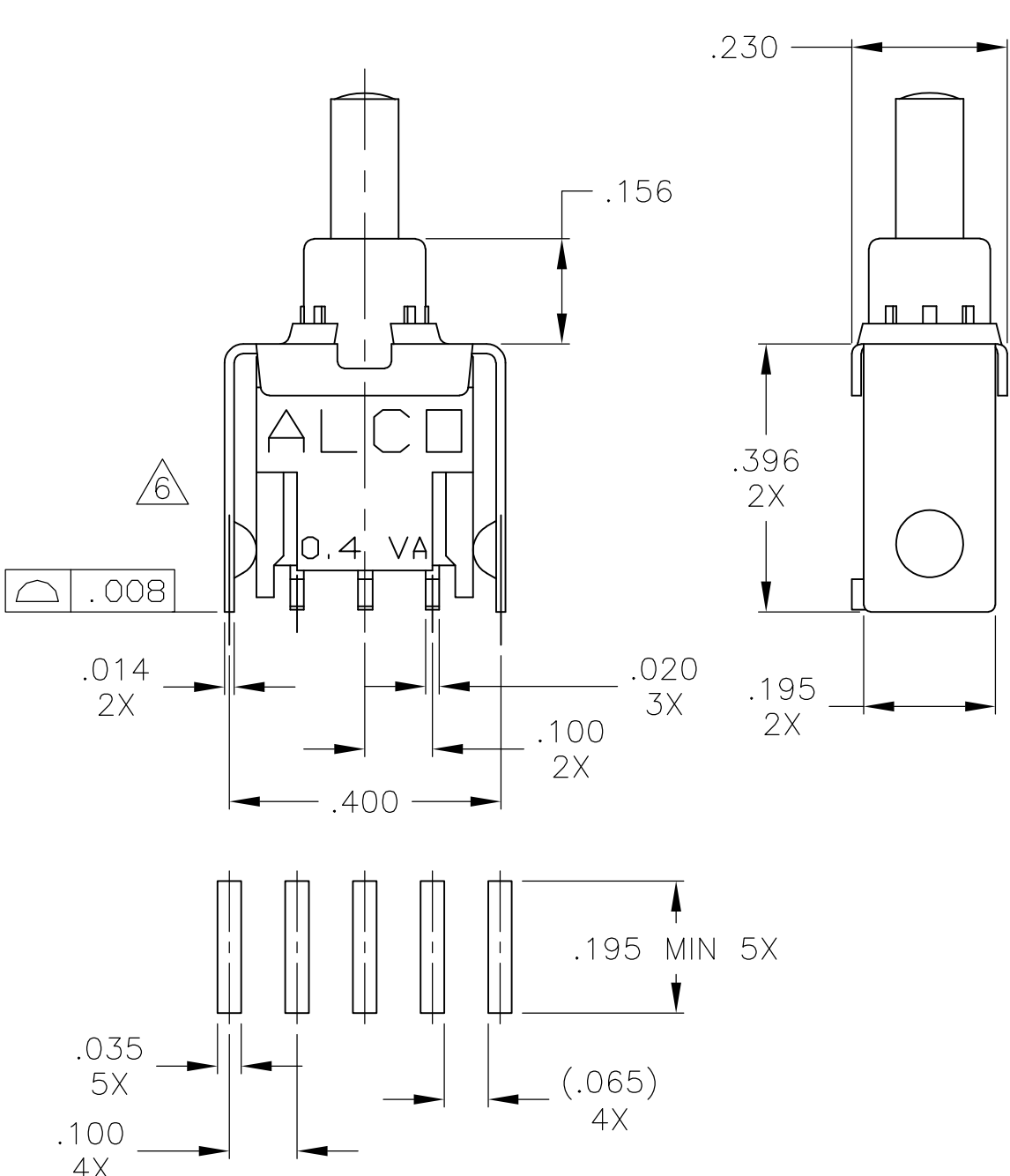
C

B

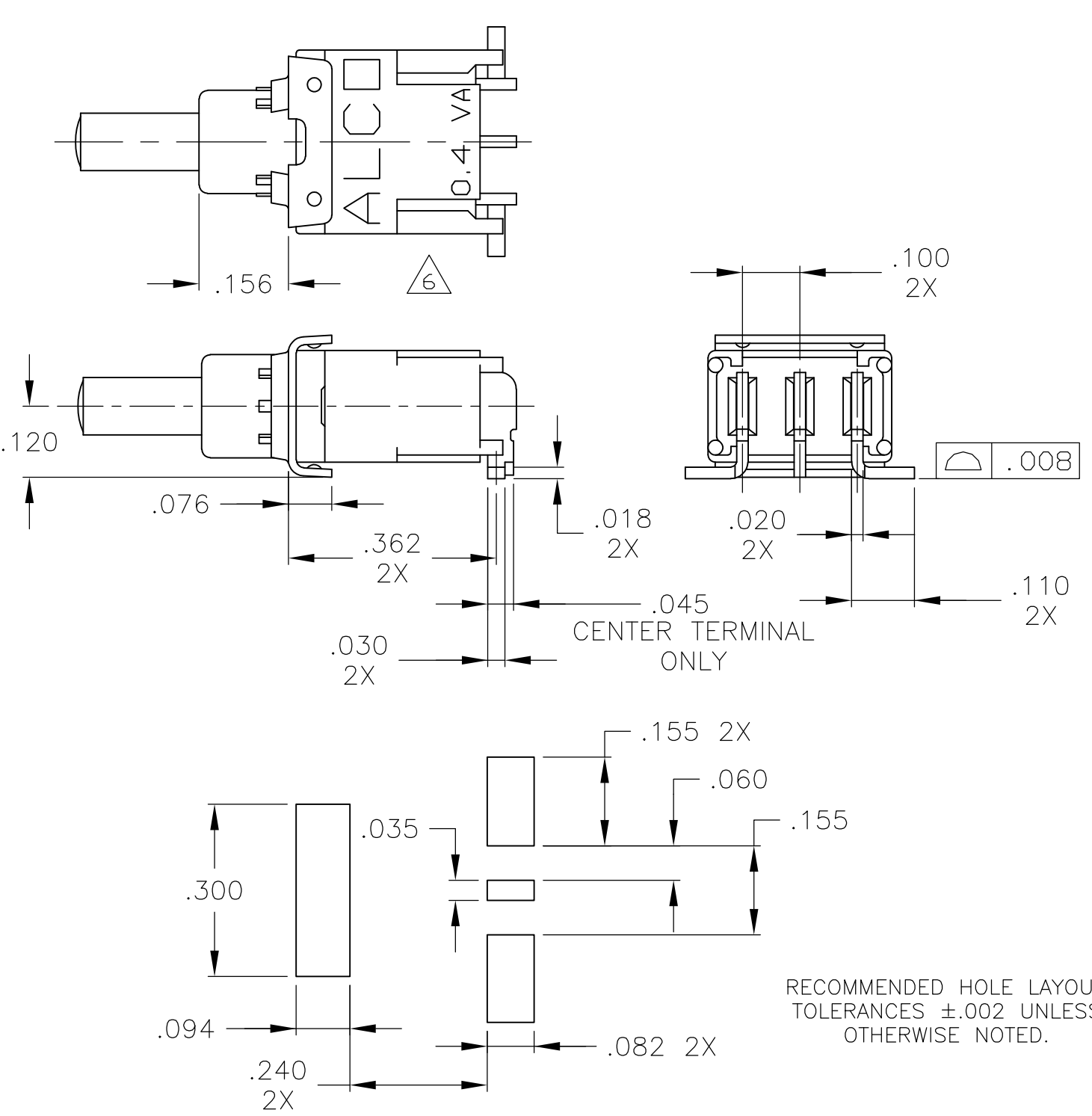
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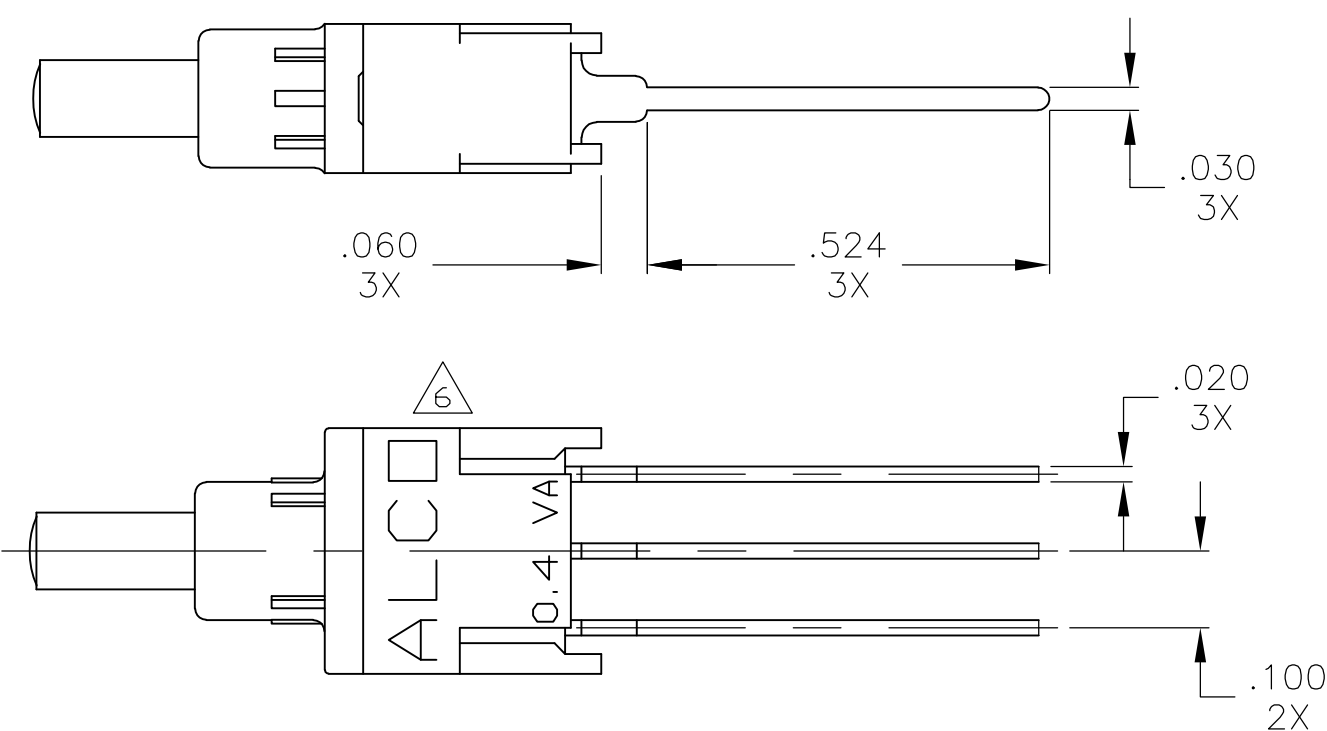
PCV PC WITH VERTICAL SUPPORT BRACKET



SPC SURFACE MOUNT



SRA SURFACE MOUNT RIGHT ANGLE, "L" BENDA



WW WIRE WRAP

FILE NAME: 40287S1L

DIRECTORY: PSHSWTCH

CODE IDENT. NO. 91506

PRODUCT CODE: B53

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 1°

FINISH SEE NOTES

DWN C.M.M. 9-19-90

CHK B.J.A. 12-20-90

APVD B.J.A. 12-20-90

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME OUTLINE DRAWING SEALED PUSHBUTTON SWITCH SINGLE POLE TSP SERIES

SIZE A2

CAGE CODE 00779

DRAWING NO. 1-1437573-1

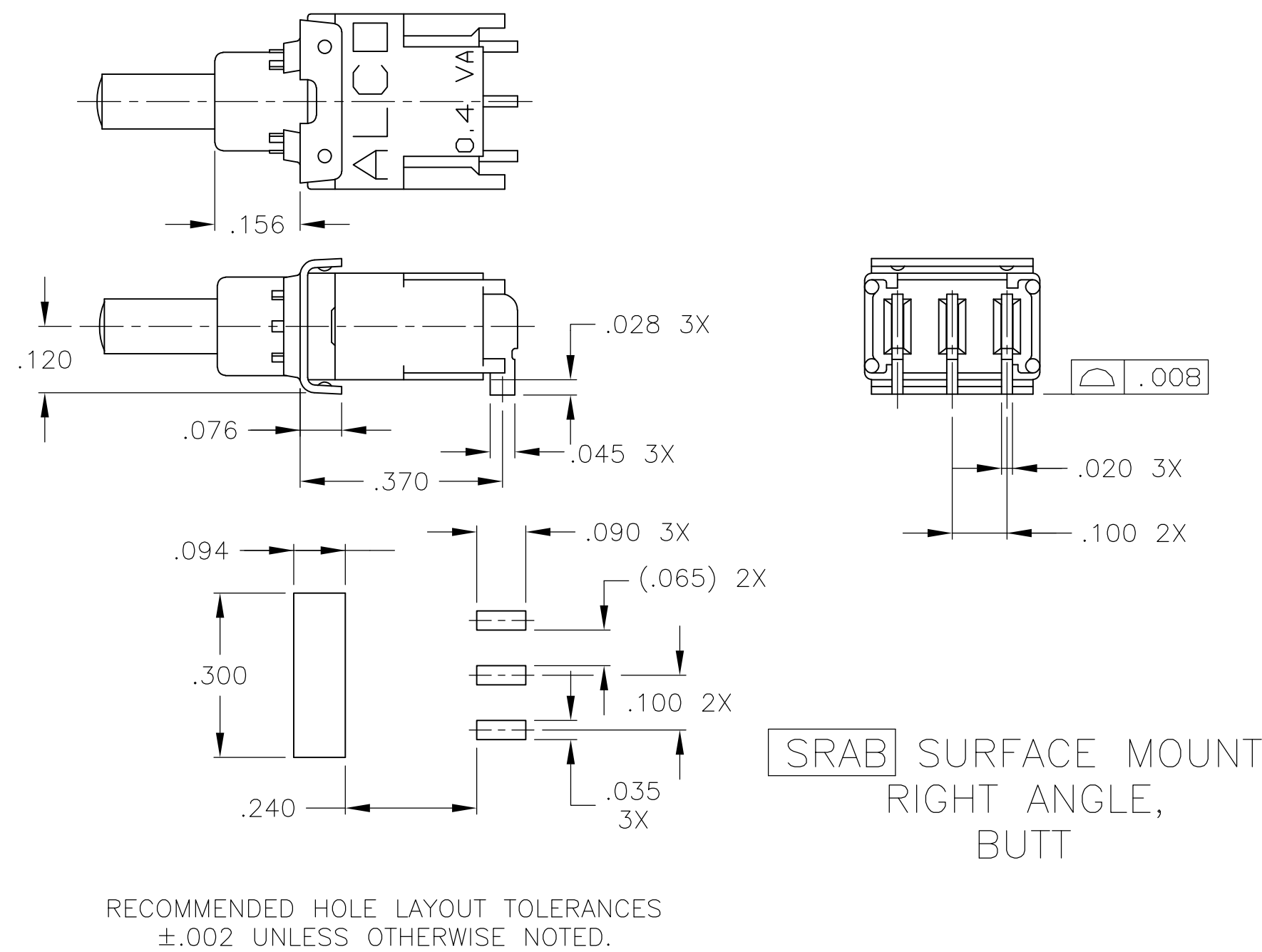
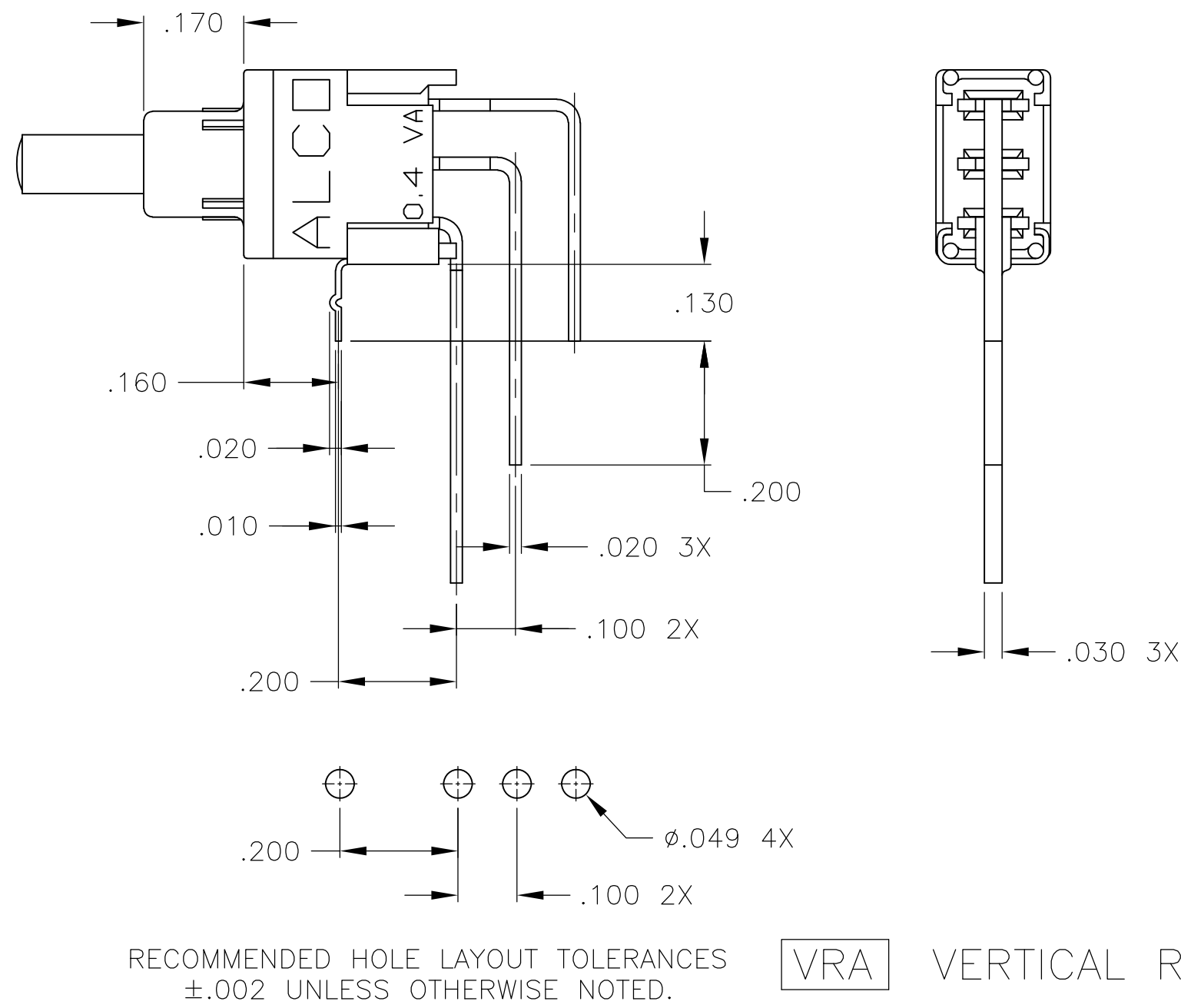
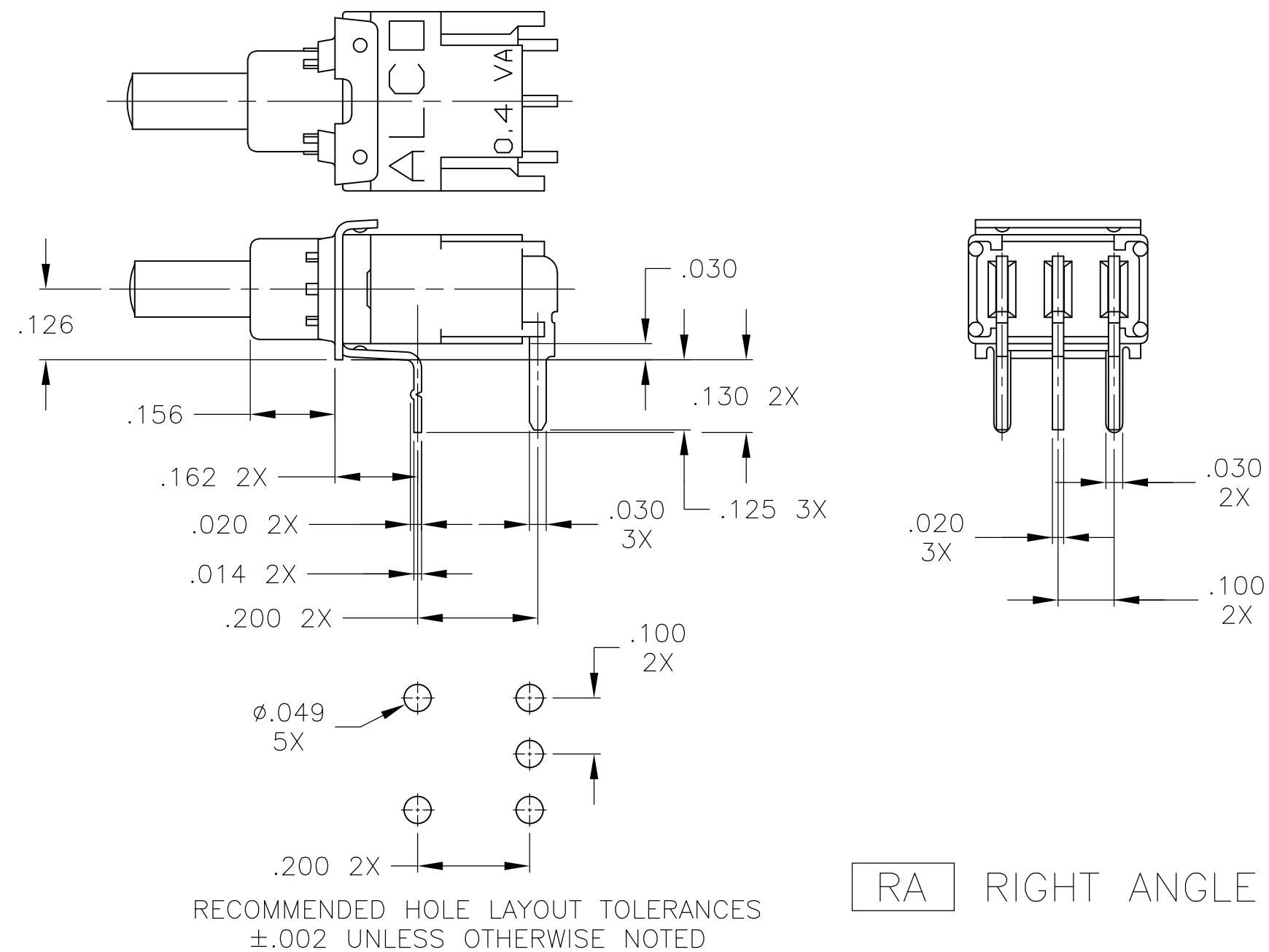
RESTRICTED TO -

SCALE 4:1

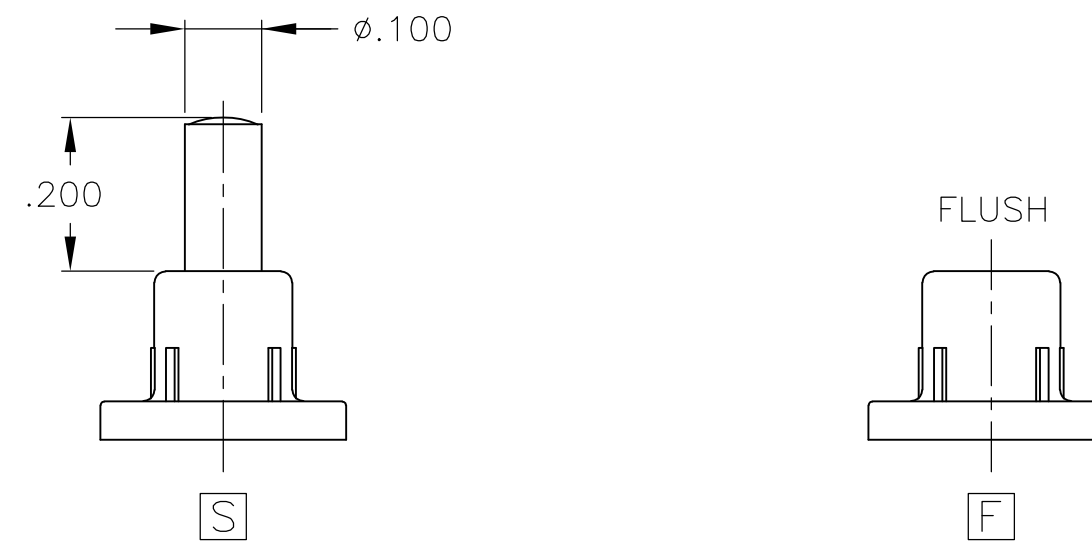
SHEET 2 of 4

REV H

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



ACTUATORS



FILE NAME: 40287S1L		THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.M.M.	9-19-90	 TE Connectivity				
DIRECTORY: PSHSWCH				CHK B.J.A.	12-20-90					
CODE IDENT. NO. 91506		DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD B.J.A.			12-20-90	NAME OUTLINE DRAWING SEALED PUSHBUTTON SWITCH SINGLE POLE TSP SERIES	
PRODUCT CODE: B53			0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC —					
MATERIAL SEE SPECIFICATIONS			FINISH SEE NOTES		APPLICATION SPEC —		SIZE A2	CAGE CODE 00779		DRAWING NO C-1-1437573-1
				WEIGHT —		CUSTOMER DRAWING		SCALE 4:1	SHEET 3 of 4	REV H

4

3

2

1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

SEE SHEET 1

-

-

-

D

C

B

A

D

C

B

A

FILE NAME:
40287S1L

DIRECTORY:
PSHSWTH

CODE IDENT. NO.
91506

PRODUCT CODE: B53

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL
SEE SPECIFICATIONS

SEE NOTES

DWN
C.M.M.
9-19-90

CHK
B.J.A.
12-20-90

APVD
B.J.A.
12-20-90

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
-

CUSTOMER DRAWING

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 1°

FINISH

9-19-90

12-20-90

12-20-90

-

-

-

SCALE 4:1

TE Connectivity

NAME
OUTLINE DRAWING SEALED PUSHBUTTON SWITCH
SINGLE POLE TSP SERIES

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1-1437573-1

RESTRICTED TO
-

SCALE 4:1

SHEET 4 of 4

REV H

1-1437573-1

TSPD11CGPC0

1-1437573-1

TSPD11CGPC2

1-1437573-3

TSPD11CGPCV0

1-1437573-4

TSPD11CGRA0

1-1437573-5

TSPD11CGRA2

1-1437573-7

OBSOLETE

TSPD11CGRA6

4-1437573-2

TSPD11CGSPC0

1-1437573-8

TSPD11CGSPC2

1571210-1

TSPD11CGSRA0TR

1571733-1

TSPD11CGSRA0

1-1437573-9

TSPD11CGSRA2

2-1437573-0

OBSOLETE

TSPD11CGSRAB0

2-1437573-1

TSPD11CGVRA0

2-1437573-2

TSPD11CGWW0

2-1437573-3

TSPD11FGPC0

2-1437573-4

TSPD11FGPCV0

2-1437573-5

TSPD11FGRA0

2-1437573-6

OBSOLETE

TSPD11FGSPC0

2-1437573-7

TSPD11FGSRA0

2-1437573-8

TSPD11FGSRAB0

2-1437573-9

TSPD11FGVRA0

3-1437573-0

TSPDF11CGPC0

3-1437573-1

OBSOLETE

TSPDF11CGSRAB0TR

1571460-1

TSPDF11CGSRA0TR

1571533-1

TSPDF11CGRA0

3-1437573-2

TSPDF11CGSRA0

3-1437573-3

TSPDF11CGVRA0

3-1437573-4

TSPDF11FGPC0

3-1437573-5

TSPDF11FGRA0

3-1437573-6

OBSOLETE

TSPDF11FGSRA0

3-1437573-7

PRELIMINARY PART

TSPDF11FGVRA0

1571369-1

MODEL NUMBER

PART NUMBER

1471-9 (3/11)